



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of

Wesley N. Ludwig

Serial No.: 10/723,713

Filed Date: November 26, 2003

Title: Perforating Gun With Improved  
Carrier Strip

§ Attorney Docket No.: Halliburton-140  
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§ Group Art Unit No. To Be Assigned  
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§ Examiner: To Be Assigned  
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**INFORMATION DISCLOSURE STATEMENT  
IN ACCORD WITH 37 C.F.R. § 1.97**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Applicants wish to make of record in the above-referenced application the references listed on the enclosed Form PTO-1449. Copies of the cited references are enclosed herewith.

It is understood that no fee is due in connection with filing the Information Disclosure Statement. In the event a fee is due, the Assistant Commissioner is authorized to debit Deposit Account No. 02-435. This authorization is provided in duplicate.

Respectfully submitted,

  
Loren G. Helmreich  
Reg. No. 29,389

Date: 21 Nov 04

BROWNING BUSHMAN  
5718 Westheimer, Suite 1800  
Houston, TX 77057  
Tel.: (713) 266-5593  
Fax: (713) 266-5169

**CERTIFICATE OF MAILING**

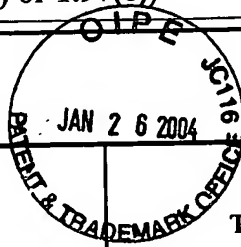
I, Loren G. Helmreich, hereby certify that this correspondence and all referenced enclosures are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231, on January 22, 2004.

By: 

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
Halliburton-140

In Re Application Of: Wesley N. Ludwig



Serial No.  
10/723,713

Filing Date  
11/26/03

Examiner  
To Be Assigned

Group Art Unit  
To Be Assigned

Title: **Perforating Gun With Improved Carrier**

Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

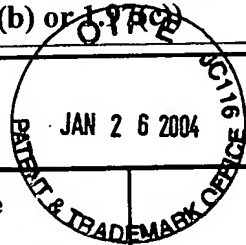
**OR**

☐ the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
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10/723,713

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Examiner  
To Be Assigned

Group Art Unit  
To Be Assigned

Perforating Gun With Improved Carrier

**Payment of Fee**

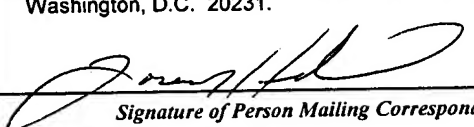
(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 02-4345 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.

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I certify that this document and fee is being deposited Loren G. Helmreich with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.
 Signature of Person Mailing Correspondence
Loren G. Helmreich Typed or Printed Name of Person Mailing Certificate

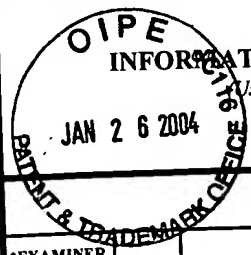
\*This certificate may only be used if paying by deposit account.

  
Signature

Dated: January 22, 2004

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CC:



# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

Halliburton-140

Application Number

10/723,713

Applicant(s)

Wesley N. Ludwig

Filing Date

11/26/03

Group Art Unit

To Be Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,590,723	11/22/94	Jerry L. Walker et al.			
		5,701,964	11/22/94	Jerry L. Walker et al.			
		6,098,707	04/24/98	Stan Pastusek et al.			
		6,216,596	12/29/98	David S. Wesson			
		6,591,911	07/22/99	Daniel C. Markel et al.			

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.